**ACCESS CODE**

The access code (1 to 4 digits) is recommended to program sensors installed close to each other. If you forget the access code, **cycle the power supply**. Within the first minute, you can access the sensor without introducing any access code.

**SAVING OR CHANGING AN ACCESS CODE:**

<table>
<thead>
<tr>
<th>Access Code</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4</td>
<td>Enter an access code.</td>
</tr>
<tr>
<td></td>
<td>Cut and restore the power supply to access the sensor.</td>
</tr>
<tr>
<td></td>
<td>Change or delete the access code.</td>
</tr>
</tbody>
</table>

**DELETING AN ACCESS CODE:**

<table>
<thead>
<tr>
<th>Access Code</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4</td>
<td>Enter an access code.</td>
</tr>
<tr>
<td></td>
<td>Remove the access code.</td>
</tr>
</tbody>
</table>

**TROUBLESHOOTING**

**The door will not open.**

- The LED is OFF.
- The sensor power is off.
- Improper output configuration on the sensor.
- The sensor is disturbed by the door motion or vibrations caused by the door motion.

**1.** Check the wiring and the power supply.

**The door will not close.**

- The LED is OFF.
- Improper output configuration on the sensor.

**1.** Check the output configuration setting on each sensor connected to the door operator. Verify door control is operational.

**The door opens and closes constantly.**

- The blue LED is on.

**1.** Make sure the detection mode is unidirectional.
**2.** Increase the tilt angle.
**3.** Reduce the field size.
**4.** Increase the immunity filter.

**The sensor detects the motion of the rain drops.**

- The blue LED is on.

**1.** Make sure the detection mode is unidirectional.
**2.** Increase the immunity filter.
**3.** Install the ERC (rain accessory).

**Metallic environment**

- The blue LED flashes quickly after unlocking.

**1.** Increase the immunity filter.
**2.** Decrease the field size.

**The sensor needs an access code to unlock.**

- The blue LED is on.

**1.** Enter an access code.
**2.** Cut and restore the power supply to access the sensor. Change or delete the access code.

**The sensor detects objects outside its detection field.**

- The blue LED is on.

**1.** Check and change the batteries if necessary.
**2.** Point the remote control towards the sensor.
**3.** Install the ERC (rain accessory).

**Remote control incorrectly oriented.**

**1.** Enter an access code.
**2.** Cut and restore the power supply to access the sensor. Change or delete the access code.

**TECHNICAL SPECIFICATIONS**

- **Technology:** microwave
- **Transmitter frequency:** 24.150 GHz
- **Transmitter radiated power:** < 20 dBm EIRP
- **Transmitter power density:** < 5 mW/cm²
- **Detection mode:** motion
- **Min. detection speed:** 2 in/s (measured in the sensor axis)
- **Supply voltage:** 12V to 24V AC ±10%; 12V to 24V DC ±30% ±10%
- **Mains frequency:** 50 to 60 Hz
- **Max. power consumption:** < 2 W
- **Output:** relay (free of potential change-over contact)
- **Max. contact voltage:** 42V AC - 60V DC
- **Max. contact current:** 1A (resistive)
- **Max. switching power:** 30W (DC) / 60VA (AC)
- **Mounting height:** 6.5 ft to 20 ft
- **Degree of protection:** IP64
- **Temperature range:** -22 °F to + 140 °F
- **Dimensions:** 5.51 in (L) x 2.17 in (H) x 2.25 in (W)
- **Tilt angles:** 0° to 90° vertical, -120° to +120° lateral
- **Material:** ABS
- **Weight:** 5.8 oz
- **Cable length:** 30 ft
- **Norm conformity:** R&TTE 1999/5/EC, EMC 2004/108/EC

*Other use of the device is outside the intended purpose and can not be guaranteed by the manufacturer.*
1 OPENING & CLOSING

Before mounting:
After mounting:

1. Remove the clip.
2. Mount it with the existing screw.
3. Slide the sensor onto the clip.

2 MOUNTING & WIRING

Tips

The sensor can be installed in various positions. Always verify the antenna position.

The sensor can easily replace other sensors by using the retrofit clip.

Avoid proximity to neon lamps or moving objects. Do not cover the sensor.

180°

Drill 2 holes using the mounting template.

Drill a hole for the cable and pull it through...

... or use one of the cable conduits. Avoid using the top conduit to ensure weatherproofness.

Pass the cable through the opening.

3 MOUNTING & WIRING

Mount the sensor firmly to avoid vibrations.

Connect the wires accordingly:
12-24 V AC/DC - Brown, Green
COM - White  NO/NC - Yellow

4 SETTINGS (by remote control or push buttons)

FIELD SIZE

IMMUNITY FILTER

DETECTION MODE

OUTPUT CONFIGURATION

Resetting to Factory Values:

FIELD SIZE

FACTORY VALUES

blue